

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Akito KURAMATA et al.

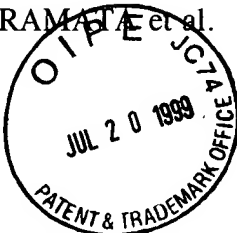
Serial No.: 09/313,764

Filed: May 18, 1999

For: OPTICAL SEMICONDUCTOR DEVICE HAVING AN EPITAXIAL LAYER OF III-V COMPOUND SEMICONDUCTOR MATERIAL CONTAINING N AS A GROUP V ELEMENT

Group Art Unit: Not Yet Assigned

Examiner: Not Yet Assigned



INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 CFR 1.97(b)

Assistant Commissioner for Patents
Washington, D.C. 20231

July 20, 1999

Sir:

The attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached Form PTO-1449. One copy of each of these documents is attached. Japanese Laid-Open Patent Application No. 10-135576 is discussed on page 4 of the specification. Japanese Laid-Open Patent Application No. 10-56236 is discussed on page 43 of the specification.

No fee or certification is required in connection with this Information Disclosure Statement, since it is being submitted prior to the issuance of a first official action on the merits or expiration of the three month period following filing of the above-captioned application.

The above information is presented so that the Patent and Trademark Office can, in the first instance, determine any materiality thereof to the claimed invention. See 37 CFR 1.104(a) and 1.106(b) concerning the PTO duty to consider and use any such information. It is respectfully requested that the information be expressly considered during the prosecution of this

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application, and that the documents cited in the attached Form PTO-1449 be made of record therein and appear on the first page of any patent to issue therefrom.

The Commissioner is authorized to charge our Deposit Account No. 01-2340 for any fee which is deemed by the Patent and Trademark Office to be required to effect consideration of this statement.

Respectfully submitted,

ARMSTRONG, WESTERMAN, HATTORI,
McLELAND & NAUGHTON

A handwritten signature in black ink, appearing to read "Donald W. Hanson", written over a horizontal line.

Donald W. Hanson
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Enclosures: PTO-1449 and 16 documents